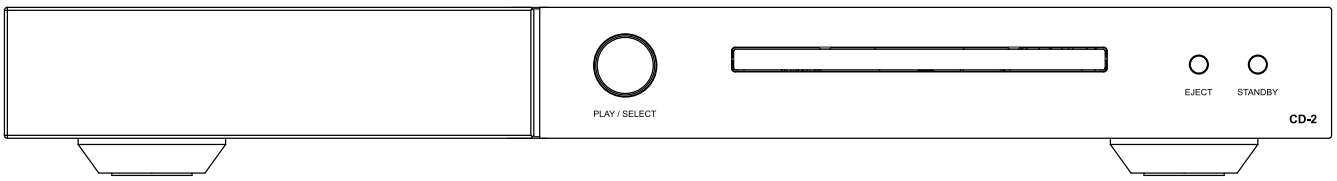
OWNER´S MANUAL

CD-2



LYNGDORF

V 1.1

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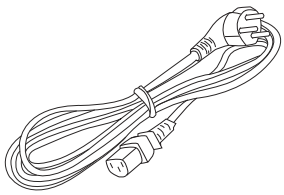
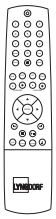
ACCESSORIES

1. You should find the following accessories included:



Mains cord



Remote control

REMOTE CONTROL

To control the CD player the **CD** key should be pressed.

1. On / Standby

2. Numerical buttons 0-9
   Direct selection and input of tracks on CD.

3. Info
   Toggles between showing additional CD information (e.g. album name, song name, and artist), if available. When turned On, track information will be reduced in height.

4. Menu
   Activates or de-activates the Menu system.

5. CD
   Selects the remote for operation with a Lyngdorf CD Player.

6. Left / Right
   Scrolls through the menu functions.

7. Enter
   Confirms actions in menu mode.

8. Skip / Scan

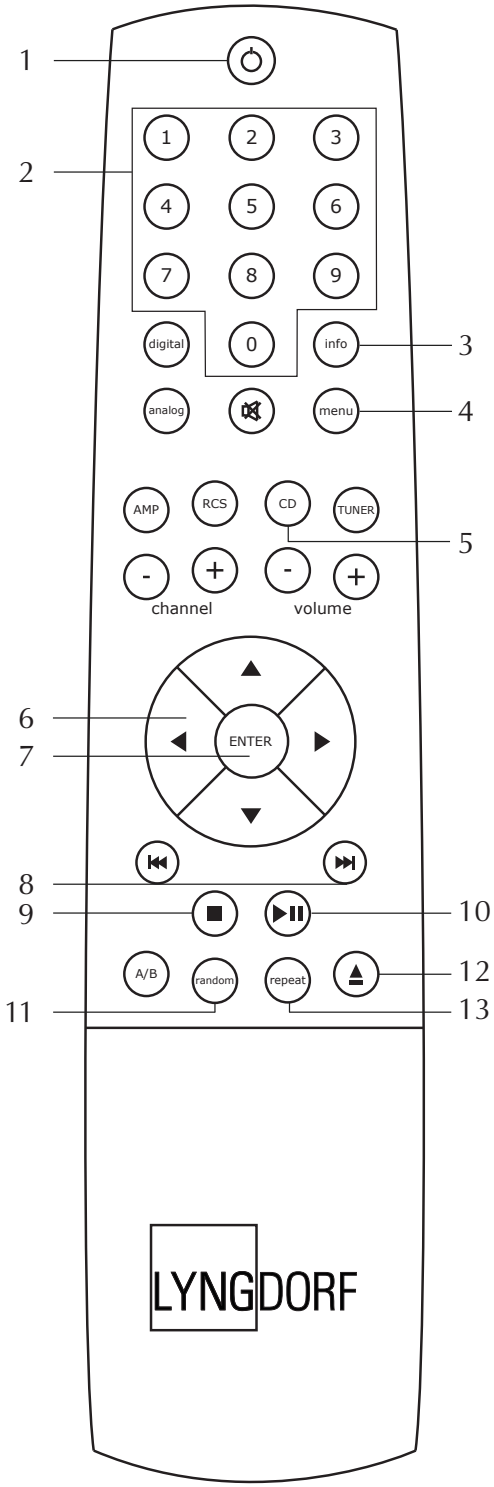
9. Stop

10. Play / Pause

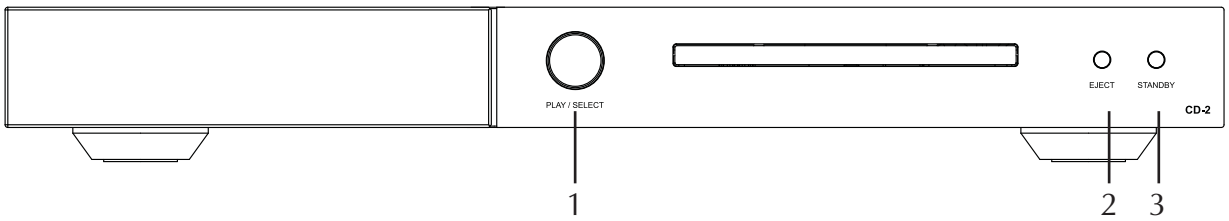
11. Random

12. Eject

13. Repeat
    Toggles between repeat one track, entire disc and off.



FRONT PANEL

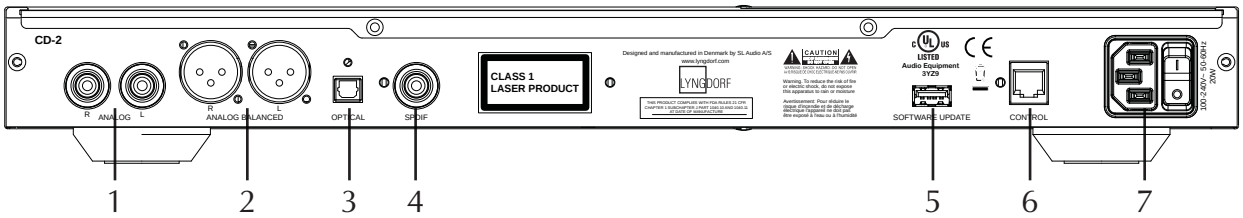


1. Play / Select
- Push to Play and Pause. In the menu mode pushing is used as the select-function.
- Holding down the button will access the main menu.
- Turn the wheel to skip left and right between tracks or menu items.

2. Eject

3. On / Standby

REAR PANEL



1. Analog output right and left
   RCA Connectors.

2. Analog balanced output right and left
   XLR Connectors for balanced output.

3. Optical output
   Toslink Connector for digital output.

4. S/PDIF output

5. USB software update connector

6. RS 232 for external control.
   RJ11 connector.

7. Mains Input

MENU SYSTEM

The functionality of each of the menu items are:

CD Play Mode
- Normal Play
- Repeat Entire Disc
- Repeat One Track
- Random Play

CD-Text Display
Shows additional CD information (e.g. album name, song name, and artist) if available. When turned On, track information will be reduced in height.

Time Display
Show Remaining Time:
- Yes
- No

Dig. Out Sample Rate
Chooses the sample rate of the digital outputs.
- 44.1 kHz (16 bit, no sample rate conversion)
- 48 kHz (24 bit)
- 96 kHz (24 bit)(default)
- 192 kHz (24 bit)

Analog Out Gain
Adjusts the gain on the analog outputs in 0.5 dB steps from -12.0 dB to 0.0 dB.

Display Timeout
The timeout can be set to On or Off. On is a 10 second display timeout.

Auto Off
Auto off will automatically turn off the CD-2 after it being idle for 5 minutes.

Advanced
- Software info
  Displays the firmware version.

- Power On State
  When the CD-2 is turned on it can either play the CD automatically or standby.

- Factory Reset
  Resets the CD-2 to the factory default settings.

- Software update
  To update the CD-2 with new firmware do the following:

1. Download the new firmware from www.Lyngdorf.com
2. Upload it to the root of a FAT32 formatted USB stick.
3. Go to Software Update in the Advanced menu of the CD-2 and click Yes.
4. The display should show “Updating: Name of firmware file”.
5. When fully updated, the CD-2 will go to standby mode.

Exit Menu
Exits the menu.

NOTES OF IMPORTANCE

Unpacking the CD-2

Carefully remove the unit and accessory kit from the carton, visually check for shipping damage. Contact both the shipper and your Lyngdorf Audio representative immediately if the unit bears any sign of damage from mishandeling. All Lyngdorf Audio equipment is carefully inspected before leaving our factory.

	Keep shipping carton and packing material for future use or in the event that the unit needs servicing. If this unit is shipped without the original packing, damage could occur and void the warranty.

Operating Voltage

Check the label on the CD-2 rear panel and verify you have the version with the proper voltage for your area.

	Connect the power input only to the AC source printed on the label. The warranty will not cover any damage caused by connecting to the wrong type of AC mains.

Cleaning and Maintenance

This unit does not require any regular maintenance except to keep its exterior clean. Simply wipe its exterior with a clean soft cloth. A small amount of non-abrasive cleaner may be used on the cloth to remove any excessive dirt or fingerprints. Do not use abrasive cleaners or cleaners containing liquid solvents.

	Always unplug the unit from the electrical outlet before cleaning.

CONNECTORS

Mains Connector

Mains voltage to the CD-2 is applied via an IEC320 type connector. The supplied cable with safety ground should be used to connect the CD-2 to a mains outlet.

	Connect the power input only to the AC source printed on the label and the setting shown on the voltage selector switch. The warranty will not cover any damage caused by connecting to the wrong type of AC mains.

	Always disconnect the CD-2 from the mains before changing any connections to its inputs or outputs.

Analog outputs

The unbalanced RCA outputs are wired in accordance with normal practice:
Shell: Shield/Ground.
Pin: Hot (+).
Unbalanced analog output impedance 75 Ohm

The balanced XLR outputs are wired in accordance with IEC268:
Pin 1: Chassis and ground.
Pin 2: Hot (+).
Pin 3: Cold (-).
Shield: Chassis and ground.
Balanced analog output impedance 100 Ohm

Digital outputs

RCA output (SPDIF):
Shell: Chassis and Ground
Pin: Hot (+)

TECHNICAL SPECIFICATIONS

All audio measurements, except frequency response, are measured with a 20KHz low-pass filter in accordance with AES-17. Measured on Unbalanced outputs - RCA (phono).

Analog audio outputs

Parameter	Value	Note
Frequency response L/R	+/- 0.02 dB	20 – 20000 Hz
Signal-to-noise ratio	114 dBA	('infinity zero' track) A-wgt
Dynamic Range	100 dBA	(output -60 dBFS 1kHz) A-wgt
Distortion: THD + N	0.0018 %	20 – 20.000 Hz @ 0dB FS
Crosstalk	-120 dB	16 – 20.000 Hz
0db analog output level	7.0 Vrms 3.5 Vrms	XLR Balanced BNC Unbalanced
Unbalanced analog output impedance	75 Ohm	
Balanced analog output impedance	100 Ohm	

Digital audio outputs

Parameter	Value	Note
	SPDIF, Toslink	Galvanically isolated transformer coupled SPDIF
Selectable sample rates on digital outputs:	44.1kHz – 16 bits 48 / 96 / 192 kHz – 24bits	

Protection

Parameter	Value	Note
Grounding	Mains earth, chassis and audio ground are connected internally.	

Mains

Parameter	Value	Note
Mains input connector	IEC 320 cold type	Mains lead supplied.
Mains voltage range	100-240 AC, 50–60Hz	
Internal mains fuse	T630mAh / 250VAC	
Power consumption	300mW	STANDBY mode.
Power consumption	11W	OPERATE mode, Playing CD

Mechanical

Parameter	Value	Note
Width	450 mm (17.72′)	
Depth	373 mm (14.69‘)	
Height	57 mm (2.24‘)	
Net weight	6.1 Kg (14.4 lbs)	

Discs

Parameter	Value	Note
Compatible disc types	CD-DA, CD-R	
Compatible disc sizes	8 cm, 12 cm	
Other	Non-audio discs such as discs with DTS-encoded sound can be played back via digital interfaces only and only at 44.1 kHz.	The connected amplifier needs to support the encoded format.

Technical Assistance

If you have any problems with or questions regarding your Lyngdorf Audio product, please contact your nearest Lyngdorf Audio representative or go to www.lyngdorf.com

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